

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-54. (canceled)

55. (previously presented) A sensor or solar cell configured with, at least:

a columnar body; or a columnar body having a semiconductor film arranged on a surface thereof; and

a first electroconductive wire and a second electroconductive wire in a shape that said first electroconductive wire and said second electroconductive wire are helically wound on said surface of said columnar body and separated from each other by a constant interval;

wherein said first electroconductive wire is made of a material different from that of said second electroconductive wire.

56. (previously presented) A sensor or solar cell configured with, at least:

a columnar body; or a columnar body having a semiconductor film arranged on a surface thereof; and

a first electroconductive wire, a semiconductor wire, and a second electroconductive wire in a shape that said first electroconductive wire, said semiconductor wire, and said second

electroconductive wire are helically wound on said surface of said columnar body and closely contacted with each other.

57. (previously presented) The sensor or solar cell of claim 54, wherein said semiconductor film and/or said semiconductor wire comprises an organic semiconductor doped with fullerene.

58. (previously presented) The sensor or solar cell of claim 55, wherein said semiconductor film and/or said semiconductor wire comprises an organic semiconductor doped with fullerene.

59. (previously presented) A transistor configured with, at least:

an electroconductive columnar body having an insulative film arranged on a surface of said electroconductive columnar body; and

a first electroconductive wire, a semiconductor wire, and a second electroconductive wire in a shape that said first electroconductive wire, said semiconductor wire, and said second electroconductive wire are helically wound on said surface of said columnar body and closely contacted with each other.

60. (previously presented) An optical sensor or solar cell configured with, at least:

a columnar body having a transparent electrode film arranged on a surface of said columnar body; and

an electroconductive wire in a shape helically wound on said surface of said columnar body at equal intervals;

wherein said transparent electrode film comprises ITO or PVA.